1964

KENT-MOORE

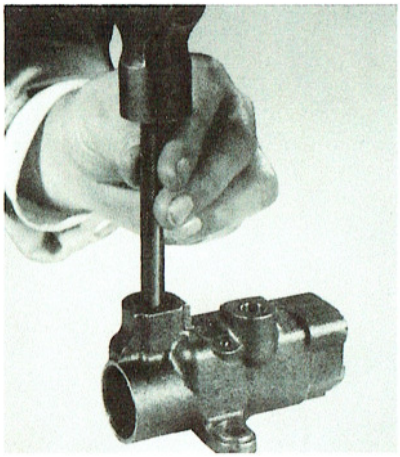
RAMBLER
Special Service Tools

PARTS Rambler SERVICE

1964 RAMBLER ESSENTIAL SERVICE TOOLS

J 6217 VALVE CONNECTOR SEAT INSTALLER 64:01-10-80

This tool is used to install new connector seats. Tool is designed to insure that connector seat is properly installed without damage to seat or check valve.

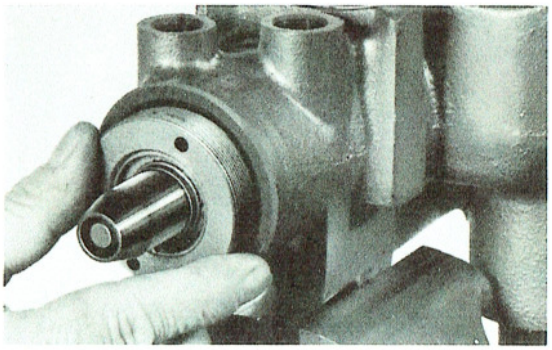


J 6221 ADJUSTER PLUG BEARING REMOVER AND INSTALLER 64:01-10-80

Designed to drive the end cover bearing on its outer race thereby preventing damage to bearing.

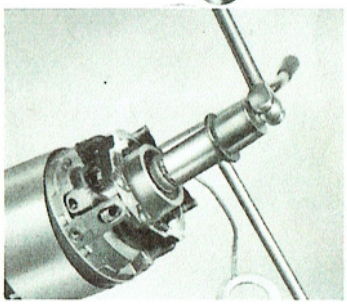
J 6222 ADJUSTER PLUG SEAL PROTECTOR 64:01-10-80

Use J 6222 Adjuster Plug Seal Protector to protect the stub shaft neoprene seal from damage when placing the adjuster plug over the steering shaft.



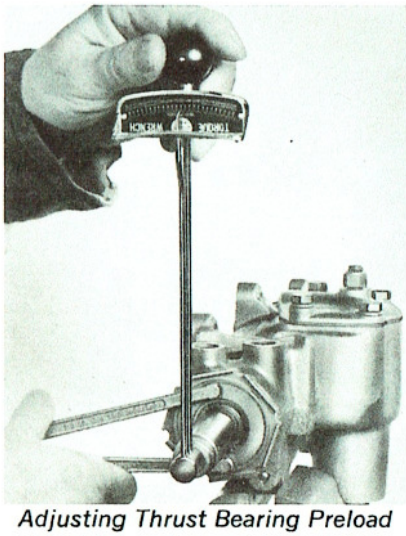
J 21179 PIVOT PIN REMOVER AND SNAP RING INSTALLER 64:10-80

This dual purpose tool is a must for removing the pivot pins on 1964 models equipped with the Adjust-O-Tilt steering wheel. Tool is also used to install the retainer ring and gauges the exact amount to collapse the spacer.

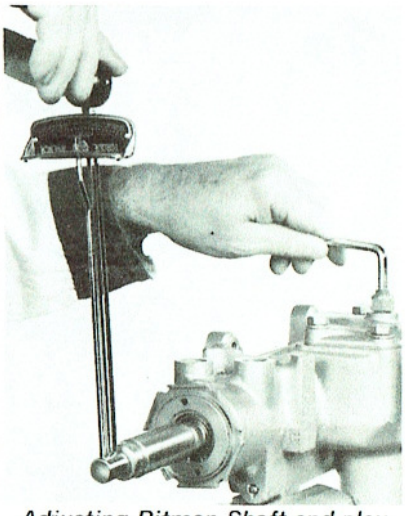


J 7754 TORQUE WRENCH (0-25 inch pounds) All

The pitman shaft end play as well as the thrust bearing preload adjustment must be closely held to insure satisfactory operation of the Road Control power steering gear. The J 7754 Torque Wrench is graduated in one inch pound increments so that precise adjustments can be made.

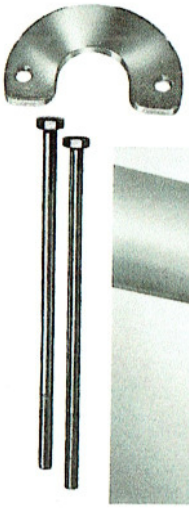


Adjusting Thrust Bearing Preload

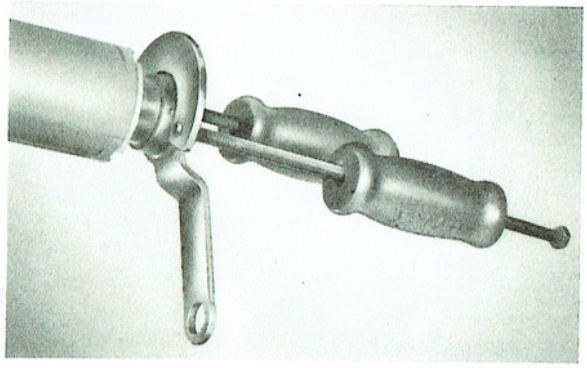


Adjusting Pitman Shaft end play

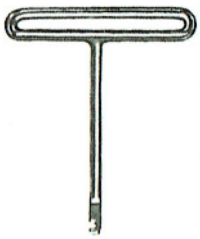
J 21180 SHIFT TUBE REMOVER 64:10-80

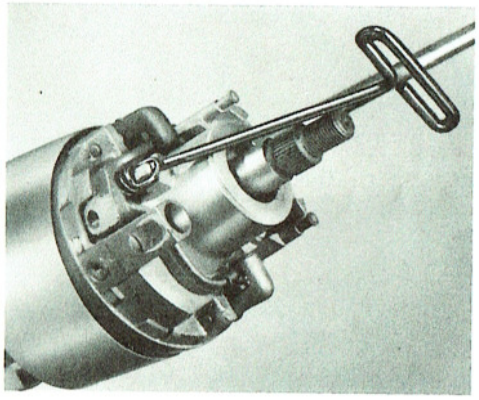


This tool comes complete with two screws for use with either J 6125-01 or J 6585-01 slide hammer weights. Use this tool to remove the shift tube without damage.



J 21181 TILT WHEEL SPRING INSTALLER 64:10-80



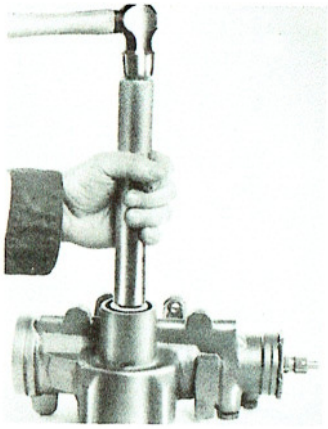


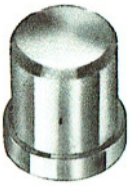
A simple means for hooking up Adjust-O-Tilt steering wheel return springs when the actuator assembly is being re-installed.

J 21486 DIRECTIONAL SIGNAL COVER REMOVER 64:10-80

This tool makes removal of the directional signal cover on Adjust-O-Tilt steering wheels columns an easy task. J 21486 is designed for use with J 6585-1 Slide Hammer Assembly. However, if you have previously purchased a pair of J 6125-01 Slide Hammers you may adapt one of them for use with J 21486.

J 21551 PITMAN SHAFT BEARING REMOVER AND INSTALLER 64:01-10-80



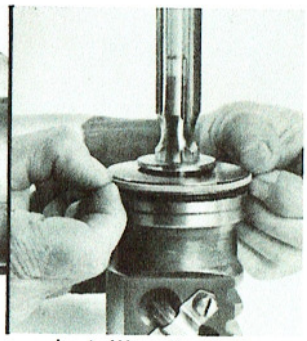


Tool removes and replaces the pitman shaft bearing in its proper location by driving on the tapered portion of the bearing to prevent damage. Use with previously released J 8092 Driver Handle.

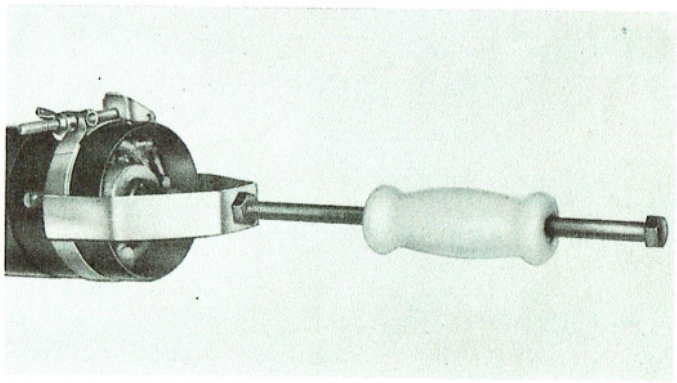
J 21552 RACK-PISTON ARBOR 64:01-10-80

The J 21552 Arbor is used when installing or removing the rack-piston from the Road Control power steering gear housing. It is inserted into rack-piston to prevent the balls from falling out of their groove.

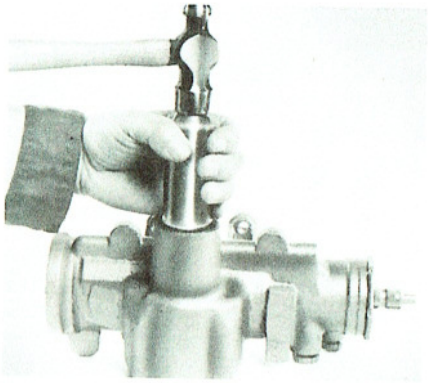
Installing Rack-Piston Arbor Tool in End of Worm



Installing Back Up "O" Ring and Piston Ring

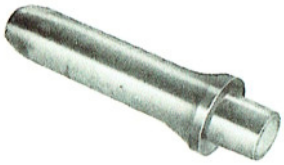


J 21553 PITMAN SHAFT SEAL INSTALLER 64:01-10-80



The J 21553 installs pitman shaft seal evenly without damage to seal.

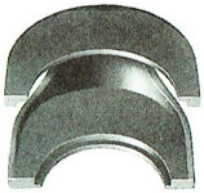
J 21554 ADJUSTER PLUG SEAL INSTALLER 64:01-10-80

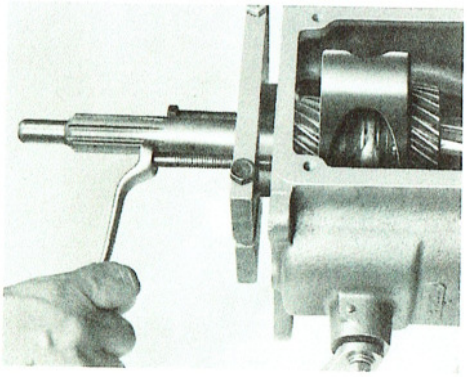


This tool is used to properly install the oil seal in the adjuster plug.

J 21568 THRUST YOKE 63-64 10 Series V-8

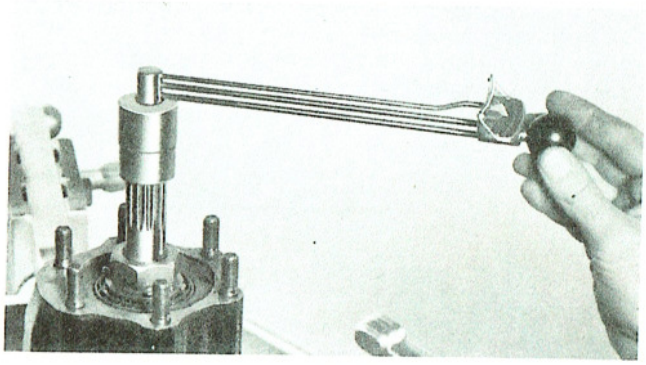
The J 21568 Thrust Yoke must be used when removing the front bearing to prevent damage to the synchronizer clutch.





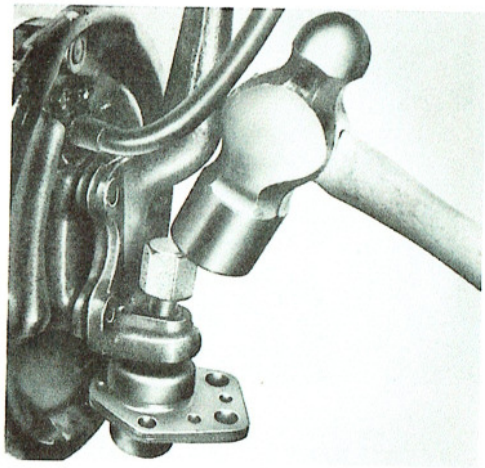
J 21581 PINION HOLDING WRENCH 64:01-10

This tool is used to check pinion bearing preload and to hold the pinion when torquing the pinion nut. New rolled splines used on the 64:01 and 10 Series requires the use of J 21581 in place of previously released J 8715. Tool has 1/2 sq. drive for use with breaker bar or torque wrench.



J 21628 7/16 x 20 BALL STUD REMOVER 64:01

The thread size of the ball joints on the 1964-01 series has been changed. Therefore, a new Ball Stud Remover is required.



Refer to your Rambler Technical Service Manual for complete operating instructions and specifications.

1964 RAMBLER ESSENTIAL SERVICE TOOLS

(Previously Released)

TRUARC PLIERS

J 4245 **(#23 Internal) 64:10-20-80**

J 6083 **(#24 External)** *All*

The use of truarc retaining rings on automotive components is becoming increasingly more popular. The correct truarc pliers should be used on all retaining rings. Tools illustrated here have application to the 1964 Rambler. Make sure you have them on hand. See special group price offered on 1964 tool order blank.

J 6585-1 **SLIDE HAMMER (2 required) 64:10-80**

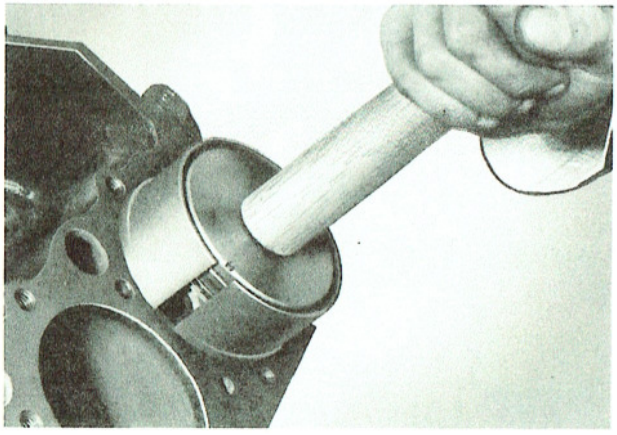
This slide hammer is used with J 21180 and J 21486 for servicing 1964 Ramblers with Adjust-O-Tilt steering wheel. J 6125-01 can also be used; if you have not previously purchased J 6125-01 take advantage of the special group price on J 6585-1.

RECOMMENDED SPECIAL SERVICE TOOLS

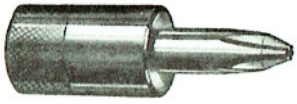
J 5569 **PISTON RING COMPRESSOR (4")**

J 5601 **PISTON RING COMPRESSOR (3¾")**

To insure that piston rings are properly compressed when installing piston assembly in engine bore. These tools will accommodate oversize as well as standard size pistons.

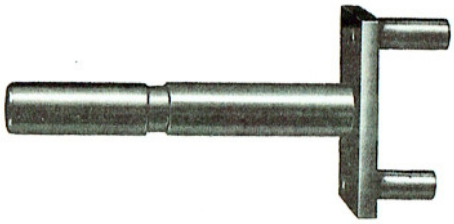


J 7595 **#2 PHILLIPS SCREW DRIVER BIT**
All

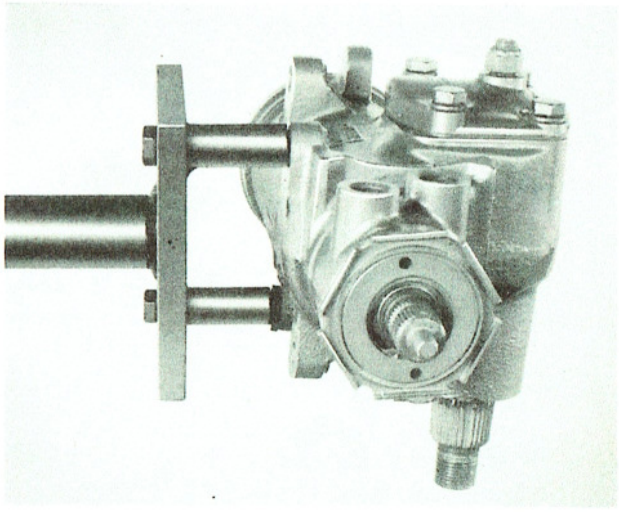


Torquing of shift lever lock plate screws in the Adjust-O-Tilt steering column is made possible through use of this adapter. Use the adapter with J 5853 Torque Wrench.

J 6448-01 **POWER STEERING GEAR HOLDING FIXTURE 64:01-10-80**



This tool is used in connection with J 3289-20 Base to hold Road Control power steering gear. The gear can be rotated 360° allowing the mechanic to work on gear in any desired position without removing it from fixture.



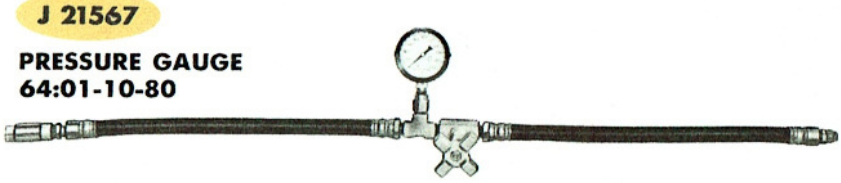
J 8032 **PISTON RING INSTALLER AND REMOVER (4")**

J 8028 **PISTON RING INSTALLER AND REMOVER (3¾")**

Use of these tools facilitate removal and installation of piston rings eliminating possibility of breakage or excessive distortion of rings during installation.

J 21567

PRESSURE GAUGE 64:01-10-80



This Pressure Gauge is a most helpful diagnosis tool. By connecting it in the pressure side of the Road Control power steering oil circuit and taking pressure reading, the mechanic can readily determine if the power steering oil pump is defective or if the power steering gear unit itself has a malfunction.

J 21617 **CLUTCH ALIGNING ARBOR** **63-64:01-10**

This tool properly aligns the clutch disc prior to assembly of the pressure plate so that when the transmission is installed the clutch shaft will index properly with the clutch disc splines.

SERVICE TOOL DIVISION

KENT-MOORE ORGANIZATION, INC.

28635 Mound Road • Warren, Michigan

PHONE: 313-539-5330 • TWX: 313-755-1823

FORM NO. 63-32

LITHO U.S.A.

SERV. REP. _____

DEALER No. _____

AMERICAN MOTORS (CANADA) LIMITED

BRAMPTON, ONTARIO.

Technical Service Tools

Direct Order To: AMERICAN MOTORS (CANADA) LIMITED
KENNEDY ROAD SOUTH,
BRAMPTON, ONTARIO.

Charge and Ship To _____ Tools Co. Invoice No. _____

Address _____

Authorized _____ Date _____

TOOL NUMBER	DESCRIPTION	QUANTITY	ORDERED
J6217	Valve Connector Seat Installer	1	$ 2.50
J6221	Adjuster Plug Bearing Remover and Installer	1	4.65
J6222	Adjuster Plug Seal Protector	1	6.90
J21551	Pitman Shaft Bearing Remover and Installer	1	7.65
J21552	Rack Piston Arbour	1	8.50
J21553	Pitman Shaft Seal Installer	1	3.95
J21568	Thrust Yoke	1	12.80
J21581	Pinion Holding Wrench	1	18.30
J21628	Ball Stud Remover	1	5.65
J21554	Adjuster Plug Seal Installer	1	3.95
J7754	Torque Wrench (0-25 inch-pound)	1	26.20
J7624	Adjusting Spanner Wrench	1	3.00
J6083	Truarc Pliers	1	5.60
	ABOVE PRICES SUBJECT TO CHANGE WITHOUT NOTICE.		

AMC 345